

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K38/50 C12N9/78

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EMBL, EPO-Internal, WPI Data, BIOSIS, SEQUENCE SEARCH, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SAVOCA K V ET AL: "CANCER THERAPY WITH CHEMICALLY MODIFIED ENZYMES. II. THE THERAPEUTIC EFFECTIVENESS OF ARGINASE AND ARGINASE MODIFIED BY THE COVALENT ATTACHMENT OF POLYETHYLENE GLYCOL ON THE TAPER LIVER TUMOR AND THE L5178Y MURINE LEUKEMIA"</p> <p>CANCER BIOCHEMISTRY BIOPHYSICS, GORDON AND BREACH SCIENCE PUBLISHER, INC, US, vol. 7, no. 3, 1994, pages 261-268, XP008007608</p> <p>ISSN: 0305-7232</p> <p>the whole document</p> <p style="text-align: center;">--- -/-</p>	1-27

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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* & * document member of the same patent family

Date of the actual completion of the international search

16 October 2003

Date of mailing of the International search report

05/11/2003

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INTERNATIONAL SEARCH REPORT

Intern. Application No
PCT/GB 03/02665

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE EMBL 'Online! Human liver arginase HSARGL, 7 January 1987 (1987-01-07) HARAGUCHI: "complete CDS of human arginase" retrieved from EBI Database accession no. M14502 XP002258160 abstract ---	1-27
X	WO 02 44360 A (CLARK MIKE A;PHOENIX PHARMACOLOGICS INC) 6 June 2002 (2002-06-06) the whole document ---	1-27
X	WO 98 06421 A (PYK PAWEL ;TEPIC SLOBODAN (CH); CANCER TREATMENTS INTERNATIONA (CH) 19 February 1998 (1998-02-19) the whole document ---	1-27
X	US 6 261 557 B1 (PYK PAWEL ET AL) 17 July 2001 (2001-07-17) the whole document ---	1-27
E	WO 03 063780 A (CANCER TREAT S INTERNAT ;TEPIC SLOBODAN (CH); ORZECOWSKI KAREN LE) 7 August 2003 (2003-08-07) the whole document -----	1-27

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/02665

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0244360	A	06-06-2002	AU 8913201 A CA 2430077 A1 EP 1337630 A2 WO 0244360 A2	11-06-2002 06-06-2002 27-08-2003 06-06-2002
WO 9806421	A	19-02-1998	US 5851985 A AU 4067697 A EP 0942742 A1 WO 9806421 A1 US 6261557 B1 US 2003017146 A1	22-12-1998 06-03-1998 22-09-1999 19-02-1998 17-07-2001 23-01-2003
US 6261557	B1	17-07-2001	US 5851985 A US 2003017146 A1 AU 4067697 A EP 0942742 A1 WO 9806421 A1	22-12-1998 23-01-2003 06-03-1998 22-09-1999 19-02-1998
WO 03063780	A	07-08-2003	WO 03063780 A2	07-08-2003